

Atty. Docket No.:

20563/2284

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Hare et al.

Serial No.:

10/800,921

Filed:

March 15, 2004

Entitled:

Apparatus and Method for Ultrasonic

Medical Device with Improved

Visibility in Imaging Procedures

Examiner:

Not Yet Assigned

Group Art Unit:

3737

Conf. No.:

9564

### **CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.82**

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

David J. Dykeman

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Signature of Person Mailing Paper

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

- 1. Information Disclosure Statement:
- 2. Form PTO-1449 listing 51 references; and
- 3. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 20563/2284. A duplicate of this transmittal letter is enclosed for this purpose.

Date:

June 18, 2004

Respectfully submitted,

Name: David J. Dykeman Registration No.: 46,678

Customer No.: 29934V Palmer & Dodge LLP 111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100

Atty.

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**Procedures** 

Examiner:

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3737

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#### CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

David J. Dykeman

Name of Person Mailing Paper

Signature of Person Mailing Paper

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

# INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§§ 1.56, 1.97 AND 1.98

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

The present application claims priority under 35 U.S.C. § 120, to serial number 10/328,202, and all references cited in the parent application should be considered by the Examiner. Under MPEP § 609, no copies of these references need be provided. The attached Form 1449 lists these references so the references should be printed on the patent and lists additional U.S. patents.

Pursuant to CFR § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and

made of record in this application.

Date:

June 18, 2004

Name: David J. Dykeman

Registration No.: 46,678

Customer No.: 29934 Palmer & Dodge LLP

Respectfully subm

111 Huntington Avenue Boston, MA 02199-7613

Tel: 617-239-0100

USPTO Form 1449 Patent and Trademark	U.S. Department of Commerce Office Office	Attorney Docket No. 20563/2284		Serial No. 10/800,921		
•		Applicant(s): Hare et al.			2727	
IIO DATENT	T DOCUMENTO	<u> </u>	Filing Date: March	15, 2004		Group: 3737
	T DOCUMENTS	D.	Name	Glass	Caladaa	PT D
Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	3,805,787	April 23, 1974	Banko	128	276	June 16, 1972
	3,991,929	November 16, 1976	Smith	228	208	September 10, 1973
	4,174,410	November 13, 1979	Smith	427	57	September 16, 1976
	4,571,520	February 18, 1986	Saito et al.	310	327	June 7, 1984
	4,870,953	October 3, 1989	DonMichael et al.	128	24A	November 13, 1987
	4,920,954	May 1, 1990	Alliger et al.	128	24A	August 5, 1988
	4,922,902	May 8, 1990	Wuchinich et al.	604	22	December 16, 1987
	4,931,047	June 5, 1990	Broadwin et al.	604	22	September 30, 1987
	4,989,583	February 5, 1991	Hood	128	24 A	October 21, 1988
	5,069,664	December 3, 1991	Guess et al.	604	22	January 25, 1990
	5,112,300	May 12, 1992	Ureche	604	22	April 3, 1990
	5,180,363	January 19, 1993	Idemoto et al.	202	32	December 23, 1991
	5,269,297	December 14, 1993	Weng et al.	128	24 AA	February 27, 1992
	5,390,678	February 21, 1995	Gesswein et al.	128	662.06	October 12, 1993
	5,449,369	September 12, 1995	Imran	606	159	April 28, 1994
	5,540,656	July 30, 1996	Pflueger et al.	604	22	January 24, 1995
	5,588,432	December 31, 1996	Crowley	128	660.03	July 10, 1995
	5,622,170	April 22, 1997	Schulz	128	653.1	October 4, 1994
	5,725,494	March 10, 1998	Brisken	604	22	November 30, 1995
	5,728,062	March 17, 1998	Brisken	604	22	November 30, 1995
	5,735,811	April 7, 1998	Brisken	604	22	November 30, 1995
	5,824,042	October 20, 1998	Lombardi et al.	623	1	April 5, 1996
	5,827,203	October 27, 1998	Nita	601	2	April 21, 1997
	5,840,031	November 24, 1998	Crowley	600	440	June 7, 1995
	5,920,395	July 6, 1999	Schulz	356	375	November 12, 1997
	5,931,805	August 3, 1999	Brisken	604	22	June 2, 1997
	5,951,539	September 14, 1999	Nita et al.	604	526	December 19, 1997

3,498 3,568 7,084 3,776 3,975 7,667 4,210 4,251 1,337 2,277	January 4, 2000  March 20, 2001  August 21, 2001  June 4, 2002  September 17, 2002  December 24, 2002  February 4, 2003  February 25, 2003  April 22, 2003  June 17, 2003	Guglielmi Lombardi et al. Abele et al. Sekino et al. Brennan et al. Miller et al. Ohara et al. Rabiner et al.	606 623 601 604 600 600 600	32 1.13 2 524 585 459 462 439	October 6, 1997  July 24, 1998  May 5, 1997  June 2, 1997  December 30, 1999  July 31, 2001  May 8, 2001
7,084 3,776 0,975 7,667 4,210 4,251 1,337 0,277	August 21, 2001 June 4, 2002 September 17, 2002 December 24, 2002 February 4, 2003 February 25, 2003 April 22, 2003	Abele et al. Sekino et al. Brennan et al. Miller et al. Ohara et al. Rabiner et al.	601 604 600 600 600	2 524 585 459 462	May 5, 1997 June 2, 1997 December 30, 1999 July 31, 2001 May 8, 2001
3,776 0,975 7,667 4,210 4,251 1,337 0,277	June 4, 2002 September 17, 2002 December 24, 2002 February 4, 2003 February 25, 2003 April 22, 2003	Sekino et al.  Brennan et al.  Miller et al.  Ohara et al.  Rabiner et al.	604 600 600 600	524 585 459 462	June 2, 1997 December 30, 1999 July 31, 2001 May 8, 2001
0,975 7,667 4,210 4,251 1,337 0,277	September 17, 2002  December 24, 2002  February 4, 2003  February 25, 2003  April 22, 2003	Brennan et al.  Miller et al.  Ohara et al.  Rabiner et al.  Rabiner et al.	600 600 600	585 459 462	December 30, 1999 July 31, 2001 May 8, 2001
7,667 4,210 4,251 1,337 9,277	December 24, 2002 February 4, 2003 February 25, 2003 April 22, 2003	Miller et al. Ohara et al. Rabiner et al. Rabiner et al.	600 600 600	459 462	July 31, 2001 May 8, 2001
1,210 1,251 1,337 0,277	February 4, 2003 February 25, 2003 April 22, 2003	Ohara et al.  Rabiner et al.  Rabiner et al.	600	462	May 8, 2001
1,251 1,337 2,277 2,279	February 25, 2003 April 22, 2003	Rabiner et al.  Rabiner et al.	600		
),337 ),277 ),279	April 22, 2003	Rabiner et al.		439	E-b 15 2001
),277 ),279			606		February 15, 2001
,279	June 17, 2003		000	169	July 19, 2000
		Rabiner et al.	604	525	September 15, 200
547	June 17, 2003	Rabiner et al.	604	528	September 19, 200
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	November 25, 2003	Rabiner et al.	606	159	February 2, 2001
,013	December 9, 2003	Rabiner et al.	606	128	October 5, 2001
,873	January 20, 2004	Rabiner et al.	604	528	June 16, 2003
5,781	February 24, 2004	Rabiner et al.	600	439	July 27, 2001
5,782	February 24, 2004	Ranucci et al.	600	439	October 11, 2002
,048	May 4, 2004	Hare et al.	601	2	December 23, 2002
3,451	May 11, 2004	Rabiner et al.	600	439	March 25, 2004
		Country	Class	Sub-la-a	Translation
cument No.	Date	Country	Class	Subclass	Translation YES NO
) ) )	,782 ,048 ,451 CUMENTS ument No.	February 24, 2004 May 4, 2004 May 11, 2004 CUMENTS ument No. Date	782 February 24, 2004 Ranucci et al.  9048 May 4, 2004 Hare et al.  9451 May 11, 2004 Rabiner et al.  CUMENTS	February 24, 2004   Ranucci et al.   600	February 24, 2004   Ranucci et al.   600   439

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>\*\*</sup>Copies of references not provided at the time of this submission.